

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-021150**Date Inspected:** 17-Feb-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Lv Li Qing**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segment Assembly**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Ramesh Gade, was present during the times noted above for observations relative to the work being performed.

OBG Segment 13AE / Bay 14

This QA Inspector observed the following work in progress:

Sub Arc Welding (SAW) in the 1G position of Deck Panel DP3075A to DP3076A weld # SEG3007-004. The welder is identified as 044771. ZPMC Quality Control (QC) is identified as Wang Xu. The welding variables recorded by QC appeared to comply with WPS-B-T-2221-B-L2c-S-2. See attached photograph Pic_001.

OBG Segment 14E / Bay 14

This QA Inspector observed the following work in progress:

Shielded Metal Arc Welding (SMAW) in the 2G position of LD to BP repair weld # SEG3019X-099, as per B-CWR # 2614. The welder is identified as 067656. ZPMC Quality Control (QC) is identified as Xie Ming Feng. The welding variables recorded by QC appeared to comply with WPS- WPS-345-SMAW-2G(2F)-FCM-Repair-1.

OBG Segment 14E / Bay 14

This QA Inspector observed the following work in progress:

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Shielded Metal Arc Welding (SMAW) in the 4F position of weld # SA3364-001-016. The welder is identified as 037748. ZPMC Quality Control (QC) is identified as Xie Ming Feng. The welding variables recorded by QC appeared to comply with WPS- WPS-B-T-2214-FCM-1.

OBG Segment 14E / Bay 14

This QA Inspector observed the following work in progress:

Shielded Metal Arc Welding (SMAW) in the 2G position of LD to BP repair weld # SEG3019AA-025, as per B-CWR # 2755. The welder is identified as 215553. ZPMC Quality Control (QC) is identified as Xie Ming Feng. The welding variables recorded by QC appeared to comply with WPS- WPS-345-SMAW-2G(2F)-FCM-Repair-1.

OBG Segment 14E / Bay 14

This QA Inspector observed the following work in progress:

Shielded Metal Arc Welding (SMAW) in the 2G position of LD to BP repair weld # SEG3019Z-011, as per B-CWR # 2755. The welder is identified as 066148. ZPMC Quality Control (QC) is identified as Xie Ming Feng. The welding variables recorded by QC appeared to comply with WPS-345-SMAW-2G(2F)-FCM-Repair-1. See attached photograph Pic_001.

OBG Lift 13 and 14 / Bay 14

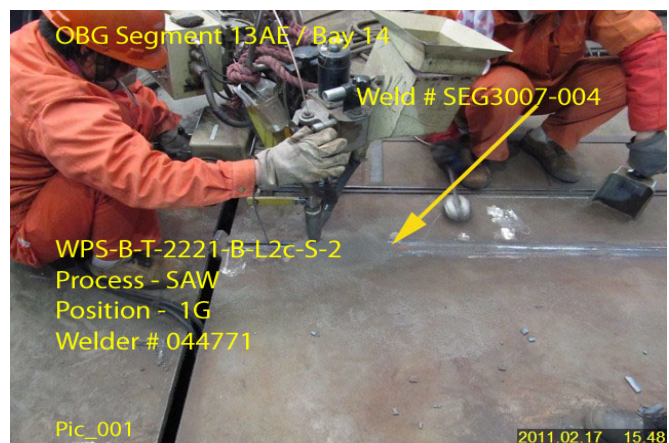
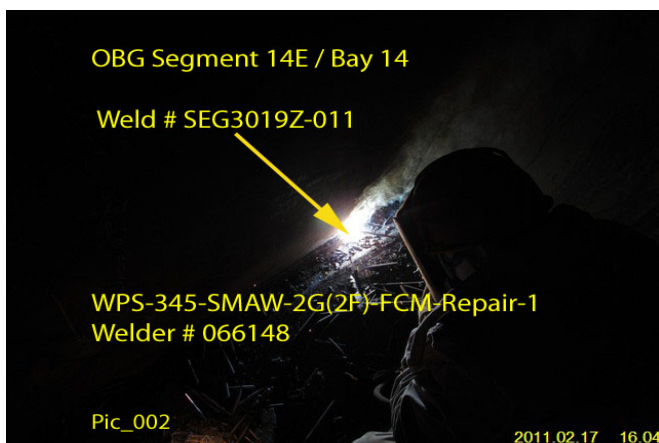
This QA Inspector observed the following:

ZPMC was not performing any work on OBG lift 13 and 14 in Bay 14 after 2000 hrs.

Reporting on PMIV

This QA Inspector performed the following:

This QA Inspector entered back date WIR and NDE reports on PMIV.



Summary of Conversations:

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No relevant conversations reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (+86)15000 42 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Gade,Ramesh	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
